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UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Plant Quarantine
Washington, D.C.

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NARCISSUS INSPECTION RECORDS FOR 1932

The attached table gives a record of the narcissus plantings inspected during the calendar year 1932 under the Federal quarantine for the prevention of spread of bulb pests. The figures given are summarized from the reports sent to this Bureau by the nursery inspectors of the various States who act as Federal collaborators in making such inspections.

Similar tables have been issued in previous years, that for 1931 being given on pages 14 and 15 of No. 110 of the Service and Regulatory Announcements of the Plant Quarantine and Control Administration.

The number of narcissus bulbs of all types reported as inspected in 1932 totals 302,325,265. This is a reduction of over 70,000,000 bulbs from the previous year, the reduction extending to both the polyanthus and daffodil types of bulbs and to nearly all the leading bulb-growing States. The reduction in the number of polyanthus bulbs reported is, however, much greater than the number of daffodils. About 56% of the bulbs reported for 1932 are paper whites and other polyanthus varieties commonly grown in the South, and about 44% are of the daffodil type produced in the northern States. In this series of tables the only varieties considered as of the polyanthus type are Paper White, Soliel d'Or, Chinese Sacred Lily, Grand Monarque, Aspacia, Elvira, and a few uncommon varieties grown in small numbers. The figures therefore differ to some extent from the census totals, since the Census Bureau accepted the reporting growers' division into "narcissus (polyanthus)" and "narcissus (all other)" and many growers customarily include within the polyanthus group numerous important hardy Poetaz varieties, such as Laurens Koster.

The figures given in the table showing "bulbs certified", whether on the basis of freedom from infestation, or on account of treatment, indicate supplies available for shipment so far as adquate inspection and freedom from pests are concerned. The greater proportion of such bulbs are, however, replanted by the growers on their own premises for the purpose of securing increase in future years. Growers estimate that only from twenty to thirty per cent of the total number of bulbs inspected is available for interstate movement during any one year.

Infestations with eelworm (Tylenchus dipsaci) were reported in 1932 as to one or more plantings in each of the following States: California, Florida, Georgia, Maryland, Michigan, Missouri, New Jersey, New York, North Carolina, Ohio, Oregon, South Carolina, Tennessee, Virginia, and Washington. In addition to the records for the year 1932, this species had previously been reported on properties in Alabama, Illinois, Indiana, Kansas, Kentucky, Mississippi, Rhode Island, Utah, and Wisconsin. Some of these properties have not since been reported as inspected, and infestation may possibly still be persisting in them. Under administrative instructions issued on July 7, 1932, the standard hot water treatment procedure is definitely prescribed only as to Tylenchus infestations, while the finding of other parasitic forms of eelworms, without Tylenchus, is referred to this Bureau for special consideration in each case.

Greater bulb flies were reported in California, Michigan, New York, North Carolina, Oregon, Pennsylvania, Rhode Island, Virginia, and Washington. They have also been found in previous years in Illinois, Ohio, and Utah.

Lesser bulb flies (Eumerus spp.) were removed from consideration under the Federal narcissus bulb quarantine in an amendment which became effective on May 20, 1932. Accordingly, most of the State inspectors did not report as to the presence or absence of these lesser flies in 1932.

LEE A. STRONG,
Chief, Bureau of Plant Quarantine.

Inspection of Narcissus and Number of Bulbs Certified and Treated, 1932 Crop.

	Plantings inspected		Bulbs Inspected		Bulbs certified as uninfested		Bulbs treated and certified	
	Poly-anthus	Daffo-dils	Polyanthus	Daffodils	Polyanthus	Daffodils	Polyanthus	Daffodils
Ala.	7	7	81,215	65,824	70,015	20,134	0	0
Ark.	2	4	42,000	57,900	42,000	57,900	0	0
Calif.	181	143	15,045,951	8,243,660	5,685,148	1,530,555	1,264,750	1,037,515
Conn.		1	0	25,000	0	25,000	0	0
Dist. of Col.	1	9	24	65,840	0	67	24	65,773
Fla.	189	8	103,993,420	546,000	93,589,820	541,000	0	0
Ga.	17	24	722,650	1,772,300	722,650	1,767,800	0	4,500
Ill.	1	5	100,000	322,000	100,000	267,300	0	48,200
Ind.		13	0	204,000	0	2,000	0	0
Kans.		2	0	42,100	0	42,100	0	0
Ky.		1	0	2,400	0	2,400	0	0
La.	95	79	586,312	180,209	476,152	75,975	0	0
Md.	1	2	26,000	2,310,988	26,000	2,260,988	0	50,000
Mich.	1	33	25,000	4,845,528	0	2,700,528	0	1,101,500
Minn.		1	0	56,500	0	56,500	0	0
Miss.	11	4	467,075	28,000	467,075	28,000	0	0
Mo.	1	8	600	136,850	600	93,100	0	33,000
N. J.		8	0	1,379,950	0	714,650	0	665,300
N. Y.	6	13	97,200	8,714,020	0	132,500	40,400	7,442,397
N. C.	14	35	623,600	4,183,200	363,600	2,670,700	183,600	112,800
Ohio		7	0	168,350	0	74,650	0	0
Ore.	67	316	548,290	22,915,218	33,926	1,324,646	408,404	19,116,287
Pa.		3	0	680,400	0	35,400	0	645,000
S.C.	5	0	39,907,845	0	39,907,845	0	0	0
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	Plantings inspected		Bulbs Inspected		Bulbs certified as uninfested		Bulbs treated & certified	
	Poly-anthus	Daffo-dils	Polyanthus	Daffodils	Polyanthus	Daffodils	Polyanthus	Daffodils
Tenn.	3	9	5,600	925,513	5,600	313,513	0	0
Tex.	3	3	7,235,275	3,620,595	7,235,275	3,607,095	0	13,500
Utah	0	1	0	2,000	0	2,000	0	0
Va.	2	21	29,565	13,150,435	10,865	1,265,550	18,750	455,995
Wash.	30	166	277,881	55,345,282	0	0	272,181	51,288,446
Wis.	0	1	0	2,517,500	0	17,500	0	2,500,000
TOTAL:	637	927	169,815,503	132,507,762	148,736,581	19,629,551	2,188,109	84,580,213